Sub E3

4. (Amended) A product as claimed in claim 3, wherein the linking compound is selected from hydroxyethylmethacrylate, hexanedioldiacrylate or tripropylglycolmethacrylate.

Sub D8

5. (Twice Amended) A product as claimed in claim 1, wherein the finely divided oxide compound comprises colloidal silica.

6. (Twice Amended) A product as claimed in claim 1, wherein the finely divided oxide compound has an average particle size between 1 and 50 nm.

B1

7. (Twice Amended) A product as claimed in claim 1, wherein the ratio of said linking compound to said finely divided oxide is in the range 1:1 – 5:1 by weight.

SUB C2

8. (Amended) An uncoated and unfilled acrylic polymer product obtained from a polymerizable composition comprising greater than 70 % w/w of at least one polymerizable acrylic monomer, 0.3 – 5 % w/w of a finely divided compound comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

B2

9. (Twice Amended) A process for forming an acrylic composition comprising:

(a) mixing together 70-99.5% w/w of a polymerisable acrylic monomer or a solution of a polymer in a polymerisable acrylic monomer with 0.5-30% w/w of a dispersion comprising 20-50% w/w of a finely divided compound selected from oxides of silicon, titanium, zirconium or aluminum and 50 – 80% of at least one linking compound which is miscible with said polymerisable acrylic compound and which is capable of bonding to the surface of the oxide compound;

(b) adding to said mixture a quantity of one or more initiator(s) which is sufficient to initiate polymerization of the acrylic monomer under the conditions used; and

(c) polymerising the acrylic monomer.

B3

10. (Twice Amended) A product as claimed in claim 1, in the form of a sheet, powder, pellet or bead.

Please add following new claims 11 and 12:

11. (New) Process of manufacturing an uncoated abrasion resistant polymer product comprising polymerizing and shaping an acrylic composition comprising greater than 70 % w/w of the residues of at least one polymerizable acrylic monomer, 0.3 – 5 % w/w of a finely divided compound comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

B4

SUB C3

12. (New) Process of manufacturing an uncoated abrasion resistant polymer product comprising polymerizing and shaping a polymerizable composition comprising greater than 70 % w/w of at least one polymerizable acrylic monomer, 0.3 – 5 % w/w of a finely divided compound comprising at least one oxide selected from silicon, titanium, zirconium and aluminum oxides, and 0.2-25 % w/w of at least one linking compound which is miscible with said polymerizable acrylic monomer and which is capable of bonding to the surface of the oxide compound.

See the attached Appendix for changes to effect the above claims.